Brown County Public Health
Data for Decision Making

Data Informed Decision Making:

Brown County Public Health (BCPH) recognizes the importance of using the best available information and data in decision making. Each school district, business, and organization must determine the best course of action to ensure safety within their specific setting. In order to inform decision making, Brown County Public Health will provide up to date data on a regular basis via a centralized dashboard on stayhealthybc.com. Organizations have many models and metrics to choose from when making decisions. BCPH aims to provide support to a variety models with the data that will be provided.

The data being shared was chosen based on public health's experience and will support metrics from public health agencies including; the Centers for Disease Control & Prevention (CDC) and the Wisconsin Department of Health Services (DHS), among others.

Data to be shared:

1. Harvard Burden Rate - The 7-day rolling average of daily COVID-19 cases per 100,000 population.
2. 14 Day Rolling Average Positivity Rate (CDC Core Indicator 2).
3. Brown County new daily COVID-19 positive cases.
4. COVID-19 positive cases by age and gender.
5. COVID-19 related daily hospitalizations.
6. 7 Day Rolling Average Positivity Rate among 5-18-year olds.
7. CDC Burden Rate – The number of new cases per 100,000 within the last 14 days (CDC Core Indicator 1).
8. Brown County total probable cases.

Data Availability:

1. County level data will continue to be published on our social media pages on a daily basis.
2. School Districts are encouraged to enter school absentee and symptom information into Brown County Public Health's Online School Reporting Tool
3. Schools may also want to consider internal factors such as:
   a. School Positive Case Percentage (The total number of positive cases as a percentage of students + staff)
   b. District Positive Case Percentage (The total number of positive cases as a percentage of students + staff)
   c. Overall Student Absence Rates
   d. Staff Absence Rates
   e. Substitute Teacher Instruction Volume and Fill Rates

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The chart below provides information about which data types are available on the Brown County Public Health Dashboard and how they align with different models and metrics. The intention of BCPH is to provide timely and accurate data for use in policy decision-making.

Commonly Referenced Metrics	
Metric	How can this be used?
Harvard Burden Rate-the 7-day average number of daily COVID-19 cases per 100,000 population.	• https://globalepidemics.org/wp-content/uploads/2020/06/key_metrics_and_indicators_v4.pdf • https://globalepidemics.org/wp-content/uploads/2020/07/pandemic_resilient_schools_briefing_72020.pdf • https://covid-local.org/metrics/
14 day rolling average positivity rate (CDC Core Indicator 2).	• https://www.whitehouse.gov/openingamerica/ • https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/indicators.html#thresholds
Brown County new daily COVID-19 positive cases.	• https://www.dhs.wisconsin.gov/covid-19/prepare.htm • https://www.whitehouse.gov/openingamerica/ • https://www.cdc.gov/coronavirus/2019-ncov/downloads/php/CDC-Activities-Initiatives-for-COVID-19-Response.pdf • https://www.who.int/publications/i/item/public-health-criteria-to-adjust-public-health-and-social-measures-in-the-context-of-covid-19
CDC Burden Rate – The number of new cases per 100,000 within the last 14 days (CDC Core Indicator 1).	• https://www.cdc.gov/coronavirus/2019-ncov/community/schools-childcare/indicators.html#thresholds • https://www.dhs.wisconsin.gov/covid-19/disease.htm
Community Trends	
COVID-19 positive cases by age and gender.	To supplement the daily number of new confirmed positive cases, a breakdown of the ages and genders may be helpful context for decision makers.
COVID-19 Related Daily Hospitalizations.	Metrics within the Harvard model, CDC, and COVID-Local, often refer to hospital and ICU capacity, one way of monitoring the situation is to note the trend in these numbers.
7 day rolling average positivity rate among 5-18-year olds.	This information may be useful for school districts when they are making decisions for their populations.
Brown County total probable cases.	Because of the increase in antigen* testing in our community, one way of monitoring the situation is to note the trend in these numbers. *For more information on antigen testing, please review our Metrics Explanation document at stayhealthybc.com

Disclaimers:

Individuals and entities using data provided on this Brown County Covid-19 Dashboard do so solely at their own risk. The County of Brown and the Brown County Public Health Department receive this data from other sources, modify it before providing it on this Dashboard, and make absolutely no warranties nor assurances that the data provided here is fit for any specific purpose. The data on the dashboard only includes data from Brown County Public Health's Jurisdiction and De Pere Health Department's Jurisdiction and does not include data from the jurisdiction of the Oneida Nation Community Health Services. The data for current number of hospitalized COVID-19 patients is from EMResource. We also use data from the Wisconsin Electronic Disease Surveillance System (WEDSS). We 'scrub' the data we are provided with before we present it on the Dashboard in an effort to eliminate duplicative data and/or data that involves residents of other counties. We also exclude certain data such as

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positive case numbers in prisons. Due to occasional delays in testing results and limitations from external data sources, some metrics may experience periodic reporting delays. In those cases, data may be retroactively updated to best reflect the most accurate information available to Brown County Public Health. Numbers reported here may not match the numbers reported by the Wisconsin Department of Health Services due to time of data collection and other factors, included the 'scrubbing' mentioned above.

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